



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GAU 1645 D

RECEIVED

JUN 20 2002

TECH CENTER 1600/2500

Applicant: SCHLIEVERT ET AL. Examiner: J. HINES
Serial: 09/336,036 Group Art Unit: 1645
Filed: JUNE 18, 1999 Docket: 600.347US11
Confirmation No.: 7188
Due Date: JUNE 5, 2002
Title: MUTANTS OF STREPTOCOCCAL TOXIN C AND METHODS OF USE

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on June 5, 2002.

By:

Name: Sheryl A. Boerboom

Commissioner for Patents
Washington, D.C. 20231

COPY OF PAPERS
ORIGINALLY FILED

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Amendment and Response Including Version With Markings To Show Changes Made
The fee has been calculated as shown below in the "Claims as Amended" table
- ☒ Request for Extension of Time for 3 months and fee of \$920.00
- ☒ Check in the amount of \$636.00 for excess claims
- ☒ Return postcard

CLAIMS AS AMENDED

Claims Remaining After Amendment		Highest Number Previously Paid For		Present Extra		Rate		Fee
Total Claims								
32	-	20	=	12	x	18.00	=	\$216.00
Independent Claims								
8	-	3	=	5	x	84.00	=	\$420.00
MULTIPLE DEPENDENT CLAIM FEE								\$0.00
TOTAL FILING FEE								636.00

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

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By:

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Reg. No.: 40,178

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S/N 09/336,036



#19/B
6/28/02
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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JUN 20 2002

TECH CENTER 1600/2

Applicant: SCHLIEVERT ET AL. Examiner: J. HINES
Serial No.: 09/336,036 Group Art Unit: 1641
Filed: JUNE 18, 1999 Docket No.: 600.347US11
Title: MUTANTS OF STREPTOCOCCAL TOXIN C AND METHODS OF USE

CERTIFICATE UNDER 37 CFR 1.8:

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Sheryl A. Boerboom

AMENDMENT AND RESPONSE

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed December 5, 2001, please enter this amendment and consider the following remarks for the patent application identified above.

In the Claims

Please cancel claim 3 without prejudice. Please amend claims 1, 4-6, 8, 10, 17, and 19 as follows.

Sub B1 C1
1. (Twice Amended) A mutant Streptococcal pyrogenic exotoxin type C (SPE-C toxin):
the mutant comprising an amino acid substitution at aspartic acid-12, tyrosine-15, tyrosine-17, histidine-35, asparagine-38, or substitution at more than one of these amino acids.

Sub B2
4. (Twice Amended) The mutant SPE-C toxin of claim 1, wherein the amino acid substitution comprises:

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01 FC:103
02 FC:102

216.00 DP
420.00 DP